

EEG Reports	Justification
EEG-1	Provides historical background for use in considering 40 CFR 191.14e and others.
EEG-2	Published only as Appendix III for EEG-3. Provides EEG's comments on the Geologic Characterization Report (SAND 78-1596), which has been used as the basis for characteristics of the site in the CCA.
EEG-3	EEG's review of the WIPP Draft Environmental Impact Statement (DOE/EIS-0026-D). Also includes EEG-3 as App. III.
EEG-4	Provides insight into initial development of the WIPP Waste Acceptance Criteria.
EEG-5	Provides EEG's early thoughts on safety of transporting TRU waste through calculated radiation doses following hypothetical transportation accidents.
EEG-6	Provides a report on the January 1980 meeting organized by the EEG to resolve geological issues.
EEG-7	Geological field-trip guide to WIPP and analysis of geological issues.
EEG-8	Sensitivity analysis of the Rustler aquifer parameters, including K_d .
EEG-9	Calculation of individual doses from a well scenario.
EEG-10	EEG review of the 1980 WIPP EIS.
EEG-11	Castile brine intercept scenario.
EEG-12	Release scenario from drilling for minerals.
EEG-13	Breccia pipe scenario.
EEG-15	Single hole, Castile pressurized brine scenario.

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EEG-16	Report of a meeting on consequence modeling of breach scenarios for WIPP.
EEG-17	Hydrologic analysis of WIPP-12 and ERDA-6 testing.
EEG-18	Thoughts on the genesis of the Castile brine from stable isotope geochemistry.
EEG-21	Geochemical analysis of the Castile brine reservoirs.
EEG-22	EEG's early comments on a number of geological issues discussed in the CCA.
EEG-23	1983 status of geologic characterization and resolution of geologic issues.
EEG-24	Potential problems in transporting Pu-238 waste from the Savannah River site.
EEG-25	Pockets of gases encountered in the Salado Formation.
EEG-27	Sensitivity analysis of solute transport in the Culebra aquifer.
EEG-31	First postulation of the Culebra hydrochemistry vs. hydrology anomaly.
EEG-32	Discusses the Rustler geology, hydrology and the karst phenomenon in detail.
EEG-34	Contains several important papers on the Rustler Formation geology and hydrology.
EEG-35	A critique of the SNL (Lambert et al.) hypothesis of the long age of the Culebra water and no modern recharge.
EEG-36	A critique of the Holt and Powers' hypothesis of no post-deposition dissolution of the Rustler Formation.
EEG-39	First detailed analysis of the Rustler water chemistry.
EEG-41	Overview of the Draft Supplemental Environmental Impact Statement.
EEG-42	Gas generation rates and bin and alcove experiments.
EEG-43, 47, 49, 51, 54	Pre-operational environmental monitoring at the WIPP site and vicinity.

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EEG-45	Explosion potential of VOCs in CH-TRU waste.
EEG-48	Flammability and explosion potential of TRU waste.
EEG-50	Discussion of the implication of forgotten oil and gas leases at the WIPP site on the assumption of active and passive institutional controls.
EEG-55	First detailed documentation of the extent of oil and gas drilling and production activity in the immediate vicinity of the WIPP site.
EEG-56	Unresolved issues for the disposal of RH-TRU waste at WIPP.
EEG-57	Appraisal of the 1992 SNL performance assessment for WIPP. Many items continue in the 1996 CCA.
EEG-58	Radionuclide baseline in soil near Project Gnome and WIPP.
EEG-60	Problems in the working of the Continuous Air Monitors at WIPP. A consideration in compliance with 40 CFR 191, subpart A.
EEG-61	Review of the Draft CCA.
EEG-62	Fluid injection as a potential problem for WIPP; proceedings of an EEG organized workshop.
EEG-63	Potential problems in emplacing waste in Panel 1 at WIPP.
EEG-64	Review of the 1997 WIPP-EIS Supplement.

PAPERS

- Clemo, Tom, Lokesh Chaturvedi, and W. W.-L. Lee. Problems with Data Used in the WIPP Certification Application Performance Assessment. In Sixth International Conference on Radioactive Waste Management and Environmental Remediation, October 12-16, 1997, Singapore. [To be published].
- Chaturvedi, Lokesh, Tom Clemo, Matthew K. Silva, and W. W.-L. Lee. Conceptual Models Difficulties in the WIPP Compliance Certification Application. In Sixth International Conference on Radioactive Waste Management and Environmental Remediation, October 12-16, 1997, Singapore. [To be published].
- Chaturvedi, L., William W.-L. Lee, Matthew K. Silva, Thomas M. Clemo, and Robert H. Neill. 1997. Evaluation of the Long-Term Integrity of WIPP. In WM '97 Conference Proceedings: HLW, LLW, Mixed Wastes and Environmental Restoration -- Working Towards a Cleaner Environment, March 2-6, 1997, Tucson, Arizona, edited by Roy G. Post. Tucson, AZ: Laser Optics.
- Lee, William W.-L. 1996. Systems Prioritization Method for the Waste Isolation Pilot Plant: Problems with Methodology and Results. In Proceedings of the International Topical Meeting on Nuclear and Hazardous Waste Management SPECTRUM '96, August 18-23, 1996, Seattle, Washington, by the American Nuclear Society's Eastern Washington, Section. La Grange Park, IL: American Nuclear Society, 517-522.
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- Silva, Matthew and Lokesh Chaturvedi. 1995. Need for Engineered Barriers at the Waste Isolation Pilot Plant. In Transactions of the American Nuclear Society, October 29-November 2, 1995, editor Irene O. Macke. La Grange Park, IL: American Nuclear Society, 73: 123-124.
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- Lee, W. W.-L. and L. Chaturvedi. 1995. Radionuclide Retardation Mechanisms in the Culebra Aquifer at the Waste Isolation Pilot Plant. In Proceedings of the Conference on Radioactive Waste Management and Environmental Remediation, ICEM '95, held in Berlin, Germany, September 3-7, 1995, edited by S. Slate, F. Feizollahi, and J. Creer. New York, NY: American Society of Mechanical Engineers, 877-881.
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